

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101325\  
 Data File : BF143942.D  
 Acq On : 13 Oct 2025 19:56  
 Operator : RC/JU  
 Sample : Q3323-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SED-07-0-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143942.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.093       | 484           | 493         | 502          | rVB2     | 16717          | 34282         | 2.37%           | 0.309%        |
| 2         | 5.493       | 556           | 561         | 581          | rBV      | 1072657        | 1443874       | 100.00%         | 13.034%       |
| 3         | 6.498       | 727           | 732         | 749          | rBV      | 1028948        | 1392361       | 96.43%          | 12.569%       |
| 4         | 6.881       | 792           | 797         | 804          | rBV      | 491994         | 606954        | 42.04%          | 5.479%        |
| 5         | 7.440       | 883           | 892         | 903          | rBV      | 622349         | 817579        | 56.62%          | 7.381%        |
| 6         | 8.163       | 1007          | 1015        | 1022         | rBV      | 554549         | 721631        | 49.98%          | 6.514%        |
| 7         | 8.381       | 1044          | 1052        | 1058         | rBV8     | 5590           | 15895         | 1.10%           | 0.143%        |
| 8         | 9.239       | 1193          | 1198        | 1208         | rBV      | 797359         | 1040303       | 72.05%          | 9.391%        |
| 9         | 9.316       | 1208          | 1211        | 1216         | rVB3     | 20619          | 30649         | 2.12%           | 0.277%        |
| 10        | 9.787       | 1287          | 1291        | 1296         | rBV4     | 15404          | 29796         | 2.06%           | 0.269%        |
| 11        | 9.922       | 1308          | 1314        | 1318         | rBV      | 502622         | 635329        | 44.00%          | 5.735%        |
| 12        | 10.334      | 1380          | 1384        | 1389         | rBV3     | 17289          | 31387         | 2.17%           | 0.283%        |
| 13        | 10.469      | 1404          | 1407        | 1413         | rBV6     | 8557           | 15539         | 1.08%           | 0.140%        |
| 14        | 10.634      | 1431          | 1435        | 1443         | rBV      | 113014         | 140917        | 9.76%           | 1.272%        |
| 15        | 10.710      | 1443          | 1448        | 1463         | rVV      | 402312         | 545662        | 37.79%          | 4.926%        |
| 16        | 10.834      | 1465          | 1469        | 1476         | rVB4     | 22872          | 40512         | 2.81%           | 0.366%        |
| 17        | 11.410      | 1562          | 1567        | 1577         | rBV      | 419453         | 609696        | 42.23%          | 5.504%        |
| 18        | 11.933      | 1652          | 1656        | 1664         | rBV      | 115385         | 188420        | 13.05%          | 1.701%        |
| 19        | 12.628      | 1770          | 1774        | 1778         | rBV      | 84456          | 107459        | 7.44%           | 0.970%        |
| 20        | 12.722      | 1788          | 1790        | 1798         | rVB7     | 21026          | 26695         | 1.85%           | 0.241%        |
| 21        | 12.857      | 1809          | 1813        | 1819         | rVB      | 83822          | 111038        | 7.69%           | 1.002%        |
| 22        | 12.998      | 1832          | 1837        | 1846         | rBV      | 630293         | 836288        | 57.92%          | 7.549%        |
| 23        | 14.057      | 2012          | 2017        | 2028         | rVB      | 510786         | 817221        | 56.60%          | 7.377%        |
| 24        | 15.110      | 2193          | 2196        | 2204         | rVB      | 63597          | 122683        | 8.50%           | 1.107%        |
| 25        | 15.545      | 2265          | 2270        | 2280         | rVB      | 422510         | 715323        | 49.54%          | 6.457%        |

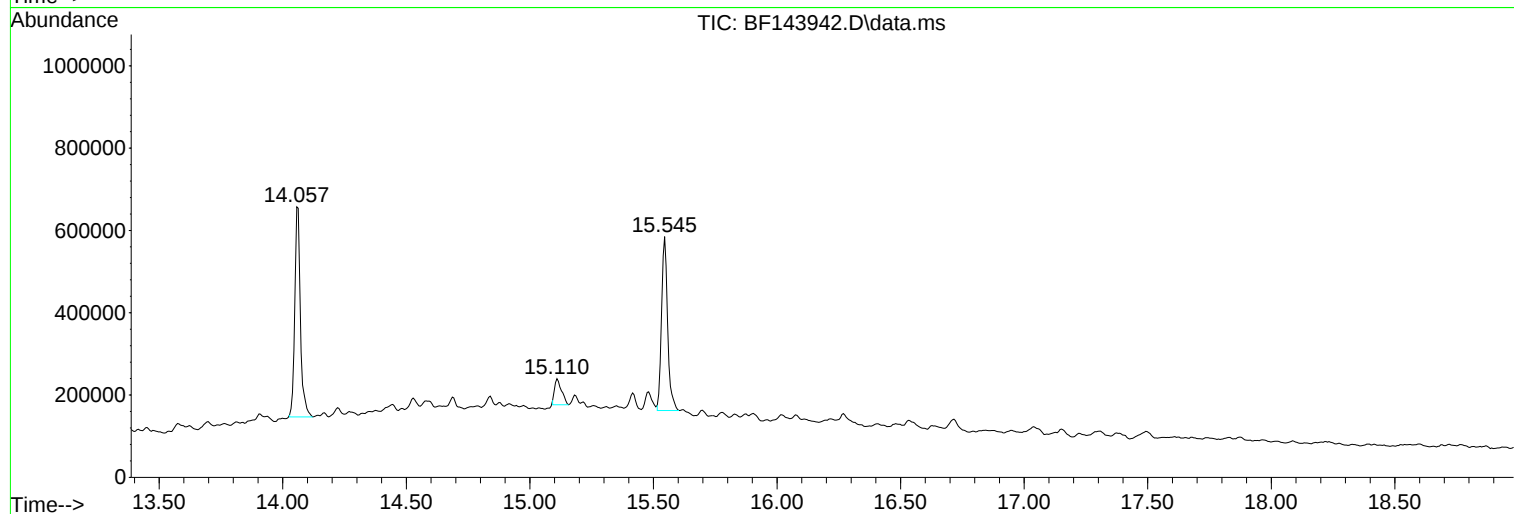
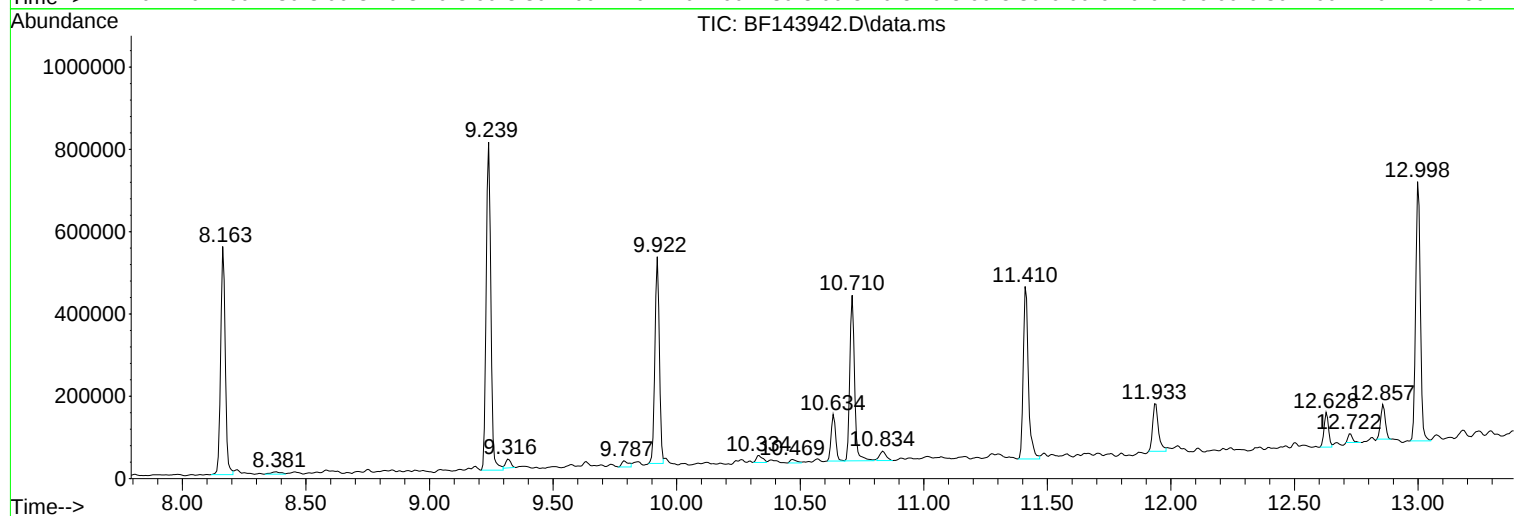
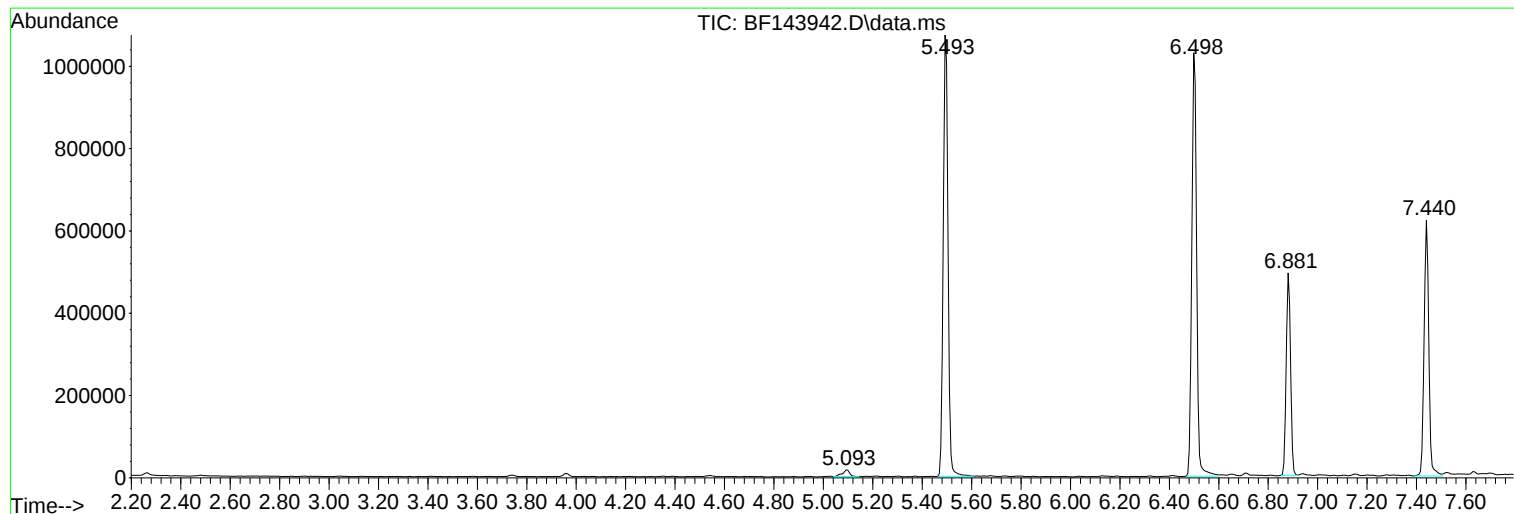
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SED-07-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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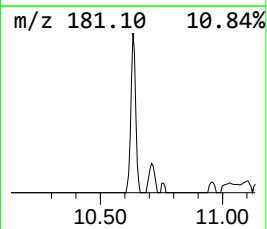
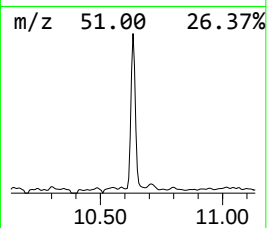
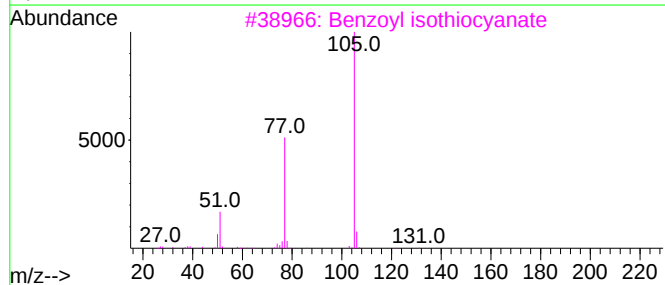
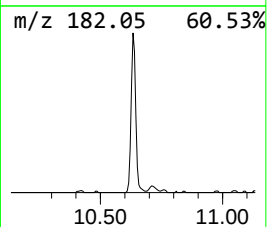
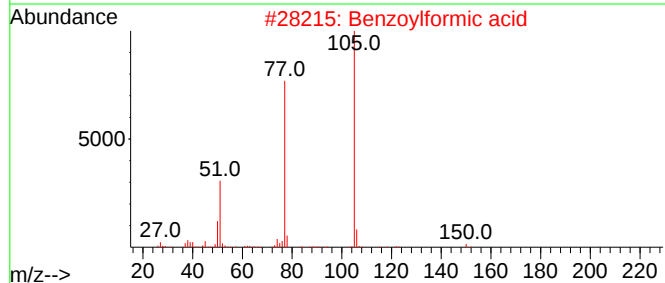
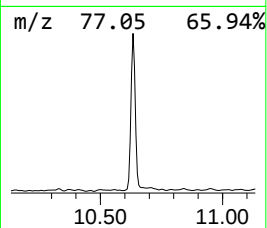
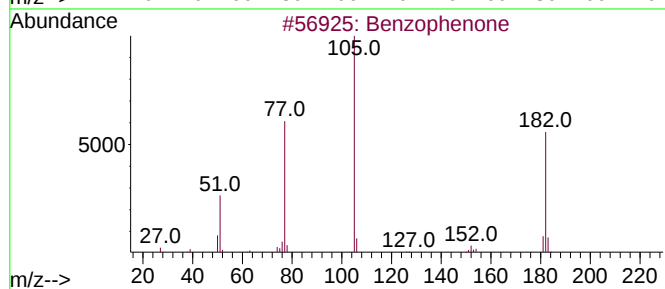
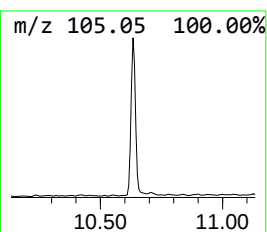
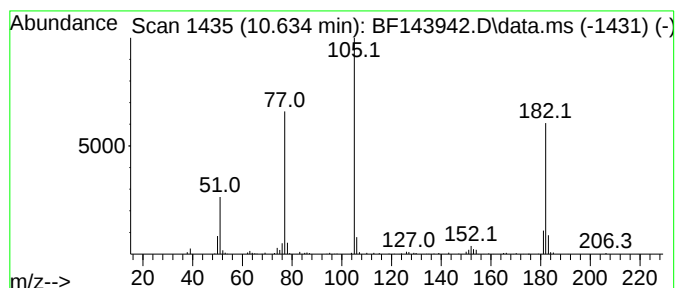
TIC Library : C:\Database\NIST20.L  
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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 4.44 ng | 140917 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Benzoylformic acid                 | 150 | C8H6O3   | 000611-73-4 | 49   |
| 3    |    |   | Benzoyl isothiocyanate             | 163 | C8H5NOS  | 000532-55-8 | 47   |
| 4    |    |   | Vinyl benzoate                     | 148 | C9H8O2   | 000769-78-8 | 47   |
| 5    |    |   | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47   |



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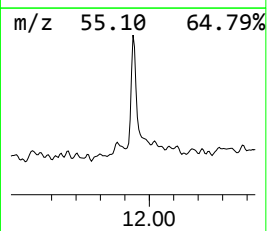
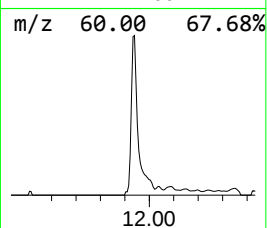
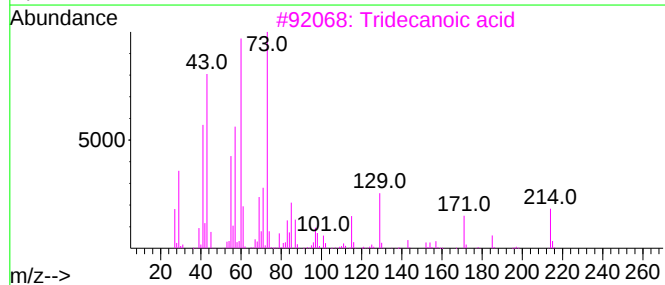
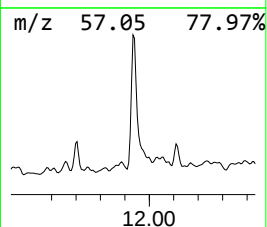
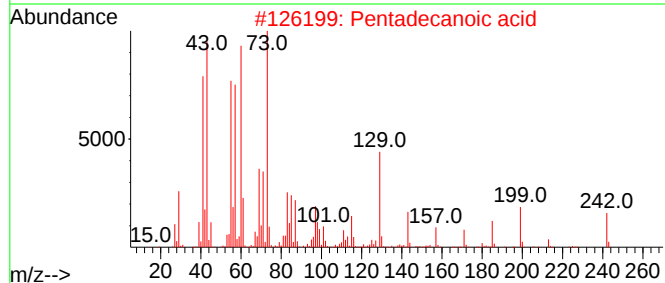
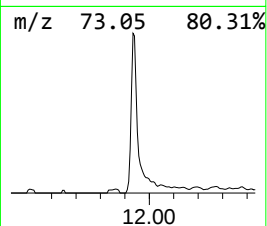
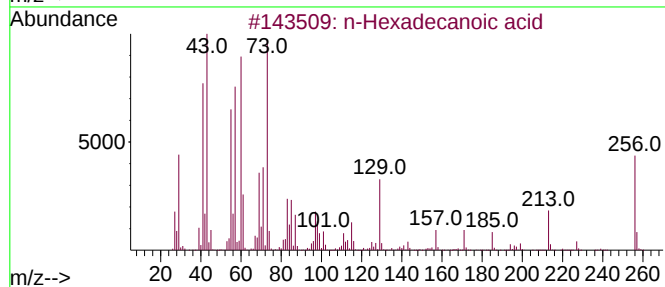
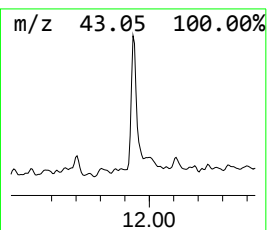
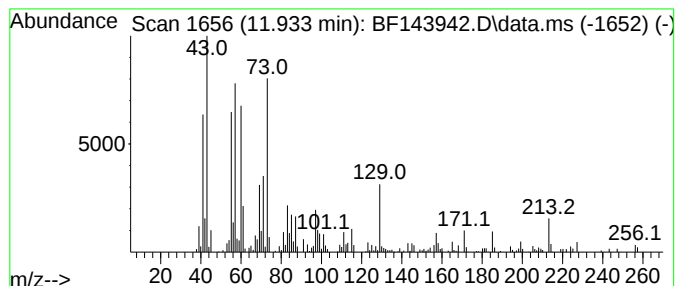
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 6.18 ng | 188420 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 53   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 52   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 49   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.634 | 4.4     | ng    | 140917   | 3                     | 9.922  | 635329 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 6.2     | ng    | 188420   | 4                     | 11.410 | 609696 | 20.0 |